



SEQUENCE LISTING

<110> Savarino, Andrea
<120> Methods for Treatment of HIV or Malaria Using Combinations of Chloroquine and Protease Inhibitors
<130> 97728.00147
<140> 10/783,268
<141> 2004-02-20
<150> 60/449,517
<151> 2003-02-21
<150> 60/471,038
<151> 2003-05-16
<160> 2
<170> PatentIn version 3.2
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<211> 99
<212> PRT
<213> Human
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<221> misc_feature
<222> (1)..(99)
<223> HIV-1 protein; LOCUS CAC86554
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<309> 2002-01-04
<313> (1)..(99)
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Leu Gln Glu Met Asn Leu Pro Gly Arg Trp Lys Pro Lys Met Ile Val
35 40 45

Gly Ile Gly Gly Phe Val Lys Val Arg Gln Tyr Asp Gln Val Pro Ile
50 55 60

Glu Ile Cys Gly His Lys Val Ile Gly Thr Val Leu Ile Gly Pro Thr
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Pro Val Asn Ile Ile Gly Arg Asn Leu Leu Thr Gln Leu Gly Cys Thr
85 90 95

Leu Asn Phe

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<160> 2

<170> PatentIn version 3.2

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<212> PRT

<213> Plasmodium falciparum

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<223> Plasmepsin II protease

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<221> MISC_FEATURE

<222> (123)..(453)

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<308> NCBI/P46925

<309> 2004-06-15

<313> (1)..(453)

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Lys Lys Ile Gln Lys Gly Phe Gln Ile Leu Tyr Val Leu Leu Phe Cys
35 40 45

Ser Val Met Cys Gly Leu Phe Tyr Tyr Val Tyr Glu Asn Val Trp Leu
50 55 60

Gln Arg Asp Asn Glu Met Asn Glu Ile Leu Lys Asn Ser Glu His Leu
65 70 75 80

Thr Ile Gly Phe Lys Val Glu Asn Ala His Asp Arg Ile Leu Lys Thr
85 90 95

Ile Lys Thr His Lys Leu Lys Asn Tyr Ile Lys Glu Ser Val Asn Phe
100 105 110

Leu Asn Ser Gly Leu Thr Lys Thr Asn Tyr Leu Gly Ser Ser Asn Asp
115 120 125

Asn Ile Glu Leu Val Asp Phe Gln Asn Ile Met Phe Tyr Gly Asp Ala
130 135 140

Glu Val Gly Asp Asn Gln Gln Pro Phe Thr Phe Ile Leu Asp Thr Gly
145 150 155 160

Ser Ala Asn Leu Trp Val Pro Ser Val Lys Cys Thr Thr Ala Gly Cys
165 170 175

Leu Thr Lys His Leu Tyr Asp Ser Ser Lys Ser Arg Thr Tyr Glu Lys
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Asp Gly Thr Lys Val Glu Met Asn Tyr Val Ser Gly Thr Val Ser Gly
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Phe Phe Ser Lys Asp Leu Val Thr Val Gly Asn Leu Ser Leu Pro Tyr
210 215 220

Lys Phe Ile Glu Val Ile Asp Thr Asn Gly Phe Glu Pro Thr Tyr Thr
225 230 235 240

Ala Ser Thr Phe Asp Gly Ile Leu Gly Leu Gly Trp Lys Asp Leu Ser
245 250 255

Ile Gly Ser Val Asp Pro Ile Val Val Glu Leu Lys Asn Gln Asn Lys
260 265 270

Ile Glu Asn Ala Leu Phe Thr Phe Tyr Leu Pro Val His Asp Lys His
275 280 285

Thr Gly Phe Leu Thr Ile Gly Gly Ile Glu Glu Arg Phe Tyr Glu Gly
290 295 300

Pro Leu Thr Tyr Glu Lys Leu Asn His Asp Leu Tyr Trp Gln Ile Thr
305 310 315 320

Leu Asp Ala His Val Gly Asn Ile Met Leu Glu Lys Ala Asn Cys Ile
325 330 335

Val Asp Ser Gly Thr Ser Ala Ile Thr Val Pro Thr Asp Phe Leu Asn
340 345 350

Lys Met Leu Gln Asn Leu Asp Val Ile Lys Val Pro Phe Leu Pro Phe
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Tyr Val Thr Leu Cys Asn Asn Ser Lys Leu Pro Thr Phe Glu Phe Thr
370 375 380

Ser Glu Asn Gly Lys Tyr Thr Leu Glu Pro Glu Tyr Tyr Leu Gln His
385 390 395 400

Ile Glu Asp Val Gly Pro Gly Leu Cys Met Leu Asn Ile Ile Gly Leu
405 410 415

Asp Phe Pro Val Pro Thr Phe Ile Leu Gly Asp Pro Phe Met Arg Lys
420 425 430

Tyr Phe Thr Val Phe Asp Tyr Asp Asn His Ser Val Gly Ile Ala Leu
435 440 445

Ala Lys Lys Asn Leu
450